

TECHNOLOGY WILL SPEND \$30,000 ON NEW BOAT HOUSE

Plans Call for Renovation of
Present Building And
Two Additions

WORK WILL START SOON

New Buildings Will Include
Locker Room—To
Fix Roof

During the past week work has been started on the improvements which are to be made in the M. I. T. Boat-house. Need of additional space had been felt for some time, and the Institute decided to enlarge the structure. Plans were drawn up by Coolidge and Carlson, architects, of Boston for changes and improvements, the initial cost of which will be around \$30,000.

Two new structures, each 20 feet wide and 75 feet long, one on each side of the present Boathouse, will comprise the new part of the building. These additions will be 19 feet high and will be divided into two low stories, the lower one of which will be used for the storage of shells, while the upper story will provide ample space for lockers and showers.

These additions would be built higher were it not for the ruling of the park commission which does not allow a taller structure to be constructed on the site. In order to prevent the new buildings from shutting off the second-story windows of the present Boathouse, the new parts will have their foundations two feet below the level of the present building.

This will put the lower floor of the addition closer to the water, but will not present any great disadvantage, as the level of the river is always constant. This will serve to lessen the slope of the runway down to the water. Alterations will nevertheless have to be made in the windows of the present structure so that it will not be darkened by the newer part.

When the entire alterations as planned are completed the new structures will contain the lockers and showers while the other building will furnish space for a club room, an office and rowing machines. These improvements should prove a great asset to the river sport at Technology as they will make the Boathouse much more attractive.

In addition to the internal improvements which will be made in the present edifice, the plans call for a new roof on the building. The entire improvement schedule will not be carried out at once, however, as the present appropriations will not permit completion of the work at once. The new buildings will be erected immediately and furnished as far as possible, leaving the remaining inside work until a later date.

NEW FLYING CLUB IS NOW BEING FORMED

Plane Will Be Purchased Next
Spring for Members' Use

Technology will soon have a new aero club, which is now being organized. It will have from twenty to thirty members who must also be members of the Aeronautical Society, its name will be the "Technology Flying Club." A constitution has been drawn up which will be presented to the Institute Committee for approval within the next week or two. The club intends to elect its officers and to get definitely organized when the constitution has been approved.

In the spring the club plans to purchase an airplane which will be used by the members of the club, although only students with pilot licenses will be allowed to fly it, and these students, in turn, will instruct the other members of the club how to fly the machine. At present there are seven members of the club taking a special course in flying instruction at the Boston Airport.

By the time the club buys the plane in the spring these men will have their pilot's license and will be eligible to operate. The plane will be used for thesis work as well as for pleasure flying and for instruction for members of the club.

ONLY FIFTY SENIORS SIGN FOR PICTURES

Arrangements for Sittings Can
Be Made in Main Lobby

In spite of the fact that an appointment desk for pictures for the 1928 *Technique* has been in the Main Lobby for the past two weeks, as yet only 50 Seniors have responded to the call and signed up for their pictures.

In accordance with the terms of the photographic contract, it will be necessary for all Seniors to make their appointments before November 15, as it will be impossible to include pictures which have not been arranged for by this time in the 1928 Senior Portfolio. The desk will be maintained in the Main Lobby for two weeks more, and all men who have not signed up are requested to do so at once.

Cast Is Selected For "Hairy Ape" By Tech Dramshop

Will Give First Performance
At Rogers First Week
of December

Selections were announced Saturday for the cast of "The Hairy Ape," the first play to be presented by the Tech Dramshop, Technology's new dramatic organization. The dramatis personae are as follows: Robert Smith ("Yank"), S. C. Page '31; Paddy, Malcolm M. Hubbard '29; Long, Andrew G. Ogden '29; Second engineer, Carl W. Harris '28; a prisoner, Walter H. Cooper '28; Secretary of the I. W. W., Paul V. Keyser '29.

Gentlemen, stokers, etc., will be played by L. P. Evans '31, Sidney A. Brown '28, Willard F. McCormack '28, David G. Luck G., Frank B. Stratton '29, J. A. Johnston '31, Ralph B. Atkinson '29, Charles F. Edlund '30, M. Weisburg '31, Howard A. Robinson '30.

Selections for the two feminine parts, those of Mildred Douglas and her aunt, have not yet been made but will be announced soon. Mrs. King, librarian at Walker Memorial, is coaching the aspiring co-eds, and competition is decidedly keen. Mr. Dean M. Fuller of the Department of English and History is coaching the male section of cast. The opening performance will be given in Rogers Building the first week of December. The cast's first dress rehearsal is scheduled for tomorrow night at 7:30 o'clock.

MENORAH SOCIETY TO MEET WITH SIMMONS

A joint meeting of the Simmons and Technology Menorah Societies will be held in the North Hall, Walker, tomorrow night at 7:45 o'clock. Rabbi Levi of Temple Beth Israel of Boston will speak, but his subject has not been announced. Refreshments will be served, and the student body is invited.

First Successful Non-Stop Hawaiian Flight Made Under Adverse Conditions

Hegenberger Tells About 2,500
Mile Trip and Dangers
Encountered

(The following is an excerpt from the story of the first non-stop flight to the Hawaiian Islands and a description of the instruments which made it successful, written by Lieutenant Albert F. Hegenberger '17 expressly for the *Technology Review*, and reprinted here by courtesy of the editors of the alumni magazine. The *Review*, which is under the editorship of Assistant Dean Harold E. Lobdell '17, will be on sale today in the corridors.)

At seven o'clock on the morning of last June 28 the Chief of the Army Air Corps met Lieutenant Lester J. Maitland and myself at Oakland Airport alongside the tri-motored Fokker we had been grooming since March for the flight to the Hawaiian Islands. The previous afternoon he had inspected and approved our arrangements. Now he simply said, "Go ahead." So we shook hands and took off westward over the Golden Gate towards a target so small that if we slipped $3\frac{1}{2}^\circ$ in our calculations we

VARSITY HARRIERS NOSED OUT OF WIN BY NEW HAMPSHIRE

Eastman and Cahalan of Fast
Wildcats Easily Take
Initial Places

FRESHMEN ARE DEFEATED

Norm McClintock Places Third
For Engineers—Kirwin
Finishes Fifth

New Hampshire Varsity harriers won by the score of 24 to 31 from the Engineers over the Franklin Park course Saturday morning after the Wildcat freshmen had swamped the Cardinal and Gray yearlings. Eastman and Cahalan lead the New Hampshire cross country men, with Norm McClintock the first Engineer home.

As was expected, the Varsity contest was a nip and tuck struggle all the way with the New Hampshire men always having the edge. All of the men ran true to form except Clifford Eastman, who furnished the surprise of the meet by winning, and Russell Hobbs and Pete Kirwin who didn't come up to expectations.

Runners Bunched at Start
Two miles from the start Eastman and Cahalan were leading, but there were nine men within twenty-five yards and five of them were from the Institute. Capt. Pete Kirwin was not in good shape at this point and the way he was laboring as the harriers went up the hill the first time showed that this was not to be his day. With a mile and a half to go Russell Hobbs had joined his two teammates in the van with McClintock. (Continued on Page 3)

TECH SHOW CAN'T FIND TWO HEROES

Have No One to Fill Male Lead;
Part of Fellow Dressed as
Girl Also Unfilled

Inability to secure two men of the proper type for the lead parts of Tech Show 1928 has delayed the announcement of the final selections for this year's cast. The last tryouts were held on Thursday night, and no decision has been reached since then, according to an announcement from the Show management.

One of the lead characters it has not yet been possible to fill is that of a fellow who masquerades as a girl in order to evade prohibition officers. During the entire show he does not appear in men's clothes. The other part is a straight male lead. Both of these characters must be able to sing and dance well, and must have good personality.

were certain to miss it and wind up in the sea.

Remarkable Avigation Shown

We used dead reckoning for the start, corrected for the drift and held that course. When three and a half hours out I took the first astronomical observation. The sun, appearing at right angles to our course, gave position lines paralleling it which showed that we were four or five miles off. It was within the experimental error of the instruments, but nevertheless, we corrected for it. Shortly after two o'clock, Lieutenant Maitland passed me a note asking if we were due to sight any steamers soon. After taking some observations on the sun and again checking my calculations, I wrote him that we ought to see the *Sonoma* in about fifteen minutes. We both kept watch for her and shortly she showed up dead under the center engine, on the great circle track 750 miles out of San Francisco. Thus we were doubly assured about the navigation.

The radio beacon was working all right as far as we knew, but because of the defective installation on our plane, we did not get much use of it. (Continued on Page 4)

SCHEDULE FIELD DAY CREWS TO RACE EARLY ON FRIDAY MORNING

Schedule of Events For Annual Struggle

- 8:30—Crew race.
- 12:00—Classes dismissed.
- 2:00—First tug-of-war.
- 2:20—First half of football game.
- 3:05—Relay race.
- 3:20—Second tug-of-war.
- 3:30—Second half of football game.
- 4:15—Third tug-of-war (if needed).
- 4:35—Glove fight.

Vaudeville Acts Warmly Received At Dorm Smoker

Denison, Ford, Bridges and
Hartwell Are Guests at
Annual Affair

"Oh, take me back on a special train," warbled a gathering of apparently sober young men in the hall of the Carr Fastener Company last Thursday night as the annual dormitory smoker got under way. Following this, several Institute cheers were given under the leadership of Albert L. Eigenbrot '29, and then the program of entertainment was started.

Bursar Horace S. Ford, Orville B. Denison '11, Secretary of the Alumni Association, Frederick G. Hartwell, Assistant Superintendent of Buildings, and Albert W. Bridges Superintendent of the Walker Dining Service, were honored guests at the affair.

"Obie" Has New Song

Assistant Dean Harold E. Lobdell has been elected to the Dormitory Board Bursar Ford announced in a short talk. Denison next entertained the assemblage with several songs, including one which, as he announced, is "brand new." Following this the first act of vaudeville, Scott and Baird, was put on. This was the act which had been announced as being highly paid, and the reception which greeted the blackface act seemed to merit the action of the committee.

A recess was announced in order to permit the students to partake of the refreshments, which consisted of sandwiches, doughnuts and cider. After kazooos had been distributed, the entertainment continued with the appearance of a trio of cabaret performers. Music for this was furnished by one of the performers, although a three-piece orchestra had entertained with several selections earlier in the evening.

Professor Leicester F. Hamilton '14, Assistant Dean Harold E. Lobdell, "Eddie" Pung, manager of Walker's refreshment facilities, and Frank McCafferty, Superintendent of the Dormitories, who were also invited, did not appear. As far as a diligent search by a reporter for THE TECH could disclose, the Dorm Goblins also absented himself from the affair. The freshmen present very kindly consented to stay at the end of the affair to clean up.

REQUIRE PHYSICAL EXAM OF TRANSFERS

Although last Thursday was announced as the last day for making appointments for medical examinations, only a very small percentage of the transfer students have so far taken their examinations, according to an announcement from the Medical Department.

An Institute ruling requires that every new student take a medical examination, and thus transfers are included as well as freshmen. There are also 65 freshmen still delinquent. As it has been decided to extend the closing date for one week, those transfer students who thought they did not come under this ruling may still make their appointments up to Thursday morning.

AFTERNOON EVENTS TO START AT TWO WITH TUG OF WAR

All Classes Will Be Dismissed
At Twelve O'Clock on
Field Day

GLOVE FIGHT LAST EVENT

Contrary to former arrangements, the Sophomore-freshmen crew race on Field Day will be held before classes start on Friday instead of sometime in the afternoon as the result of an agreement between Coach Haines and the Institute Committee. This change was advocated by the student government to prevent the delay of the race until after dark and thus to avoid keeping the crowds of the belligerent classes together until a parade could be easily started under cover of darkness.

If conditions are such that the race cannot be held in the morning, it will be run off as early in the afternoon as possible. This may break up the day's program slightly, but by helping to prevent scandal, it will insure Field Day as a permanent institution at Technology.

Crews Need Rooters

In spite of the fact that the crew race will be held early in the morning, it is up to both the Sophomores and the freshmen to have as good a support for their team as possible. The race promises to be a close one, as the Sophomore advantage of a fast, veteran crew is balanced by the fact that the freshmen eight are much heavier and are determined to win at all odds.

However, all other other events will take place at the usual time in the afternoon, following the release from classes at noon. Since the tug-of-war victory is given to the winner of two out of three pulls, the first pull is scheduled to begin the afternoon events, being held at 2 o'clock.

Following that will come the first half of the football game. The freshmen have played more games than the Sophomores, and in addition have come out more successfully, but the fact that 1930 has practically its end. (Continued on Page 4)

SOPHOMORES TO HOLD RALLY ON WEDNESDAY

Deep plans for annihilating and disposing of the entire freshman class will be placed before the Sophomores for their approval at the Field Day mass meeting of the Class of 1930 in room 1-190 on Wednesday at 5 o'clock. Since these plans need the co-operation of every Sophomore, it is important that attendance be as near 100 per cent as possible.

One of the principal things to be discussed will be the class plan of battle for the glove fight. The details of this event will be gone over thoroughly so that every man will know what to do. Further details of the class activities outside of the regular athletic events will be given out as they have been worked out by the Executive Committee in their secret sessions.

Under the direction of the class leaders, there will be intensive cheering practice to key the Sophomore spirit to the highest pitch for the final struggle. This too needs the support of every member of the class.

Church Services

- Monday, October 31
- 5:00—Meeting of M. I. T. A. Executive Committee in Room 303, Walker.
- 5:00—Singing Tryouts for those who have been accepted for Tech Show Chorus.
- 7:30—Mining Society Smoker in West Lounge, Walker.
- Tuesday, November 1
- 7:30—Meeting of Menorah Societies in North Hall, Walker.
- Wednesday, November 2
- 5:00—Meeting of all Sophomores in Room 1-190.
- 7:30—Musical Clubs Smoker in Faculty Dining Room, Walker.
- 8:00—Regular Meeting of Mathematics Club in Room 4-231.

A Record of
Continuous
News Service
for 46 years



Official News
Organ of the
Undergraduates
of M. I. T.

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rather above the average which holds one's attention by its rapidly moving plot which is written without an excess number of words. It is a book which will hold its own with Sabatini's numerous adventure novels and it has the advantage of better character portrayal than some of his others.

PICKWICK, a play by Cosmo Hamilton and Frank C. Reilly. New York, G. P. Putnam's Sons. \$2.

Last year Boston was privileged to see on the stage the production of "Pickwick," by Cosmo Hamilton and Frank C. Reilly. To those who were unable to see the play in spite of good intentions, and to those who like to reminisce, this little volume will have special interest.

The task of culling the characteristic from Dickens' "Pickwick Papers" is no little one and then to tie the details together in a form suitable for the stage might well tax the capacities of any author or playwright. It is just this that the authors have done so successfully. They have caught the very essence and spirit of Dickens' masterpiece.

To quote from the jacket: the characters "are vivid and appealing, redolent with the true Dickensian flavor, sparkling with well-chosen wit. The procession of Pickwick Paper personalities—Sam and Tony Weller, Nathaniel Winkle, Esq., the Misses Wardle, Joe the fat boy (he of everlasting sleep), Augustus Snodgrass, Esq., Mrs. Bardell, Sergeant Buzfuz and Snubbin—is characteristically dominated by the honorable Mr. Pickwick himself, stepping about in close-fitting tights, forever menaced by his avoirdupois.

"Audiences have delighted in re-meeting these characters on the stage, a Dickensian enthusiast will delight again to come face to face with them on the printed page."

WHAT'S IN OUR LIBRARY

The following books have been added to the Walker Library during October:

- "The Ancient Cities of the New World"—Charney.
- "Wind Jammers and Shelbacks"—Chatterton.
- "American Wild Flowers"—Goodale.
- "Cassell's Railways of the World" (two volumes).
- "Pronunciation of 10,000 Proper Names"—McKay.
- "A Guide to Thinking"—McCracken.
- "History of Ancient Art"—Reber.
- "25,000 Words Frequently Mispronounced"—Vizetelly.
- Fiction
- "The Woman Who Stole Everything"—Bennett.
- "Jill"—DeLafeld.
- "Lucky Numbers"—Glass.
- "Song of Life"—Hurst.
- "Liliecrona's House"—Lagerlof.
- "Sir Percy Hits Back"—Orczy.
- "Chevrons"—Nason.
- "Rhapsody"—Schnitzler.
- "Choot"—Pirandello.
- "The Invisible Collection"—Lweig.

The women at Ohio Wesleyan are being made to observe very stringent rules in regard to their conduct. They will be expelled for the offence of smoking and will be prosecuted for two other crimes, marriage and automobile ownership. The privilege of dancing is allowed if sanctioned by the parents or guardians, but under no condition may out of town dances be attended by the students.

AS WE SEE THE MOVIES

METROPOLITAN

A truly significant change in Poli Negri's dramatic cycle is said to be contained in her latest picture. "The Woman on Trial," directed by Mauritz Stiller, which is the feature screen attraction at the Metropolitan this week.

For the first time in her career she essays a mother role, a characterization which up to a year ago, would have been regarded as shut off from the Negri madonna, sweet, suffering and patient, regarding her child as the most precious thing in this life or beyond, inured so fiercely to the maternal instinct that she turns tigress at the thought of losing her offspring, even though the boy is born of a loveless marriage. In many respects it is the most trying role of her life, according to studio executives. She is supported by a celebrated cast which includes Arnold Kent, and Einar Hanson.

Jack Partington's stage show, "Florida" has for its central attraction a dozen of Florida's most beautiful girls, chosen by the public of various cities in that state and representing Miami, St. Petersburg and other resort metropolises. Gene Rode-mich and the Greater Met Stage Band

have prepared a program of the latest jazz numbers including one symphonic jazz novelty. The whole is said to be one of the fastest and most entertaining presentations which has graced the stage in some time.

Other units of the bill include Arthur Martel, with an organ solo, a Paramount News Weekly, a cartoon comedy, and other screen novelties, accompanied by Arthur Geissler and the Metropolitan Grand Orchestra.

Play Directory on Page 4
Fenway Review on Page 4

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FRESHMAN ELECTIONS

THERE are scarcely more than two weeks remaining before the yearly election of officers for the freshman class. We have found in the past that all too often the first year men have a tendency to leave the choosing of candidates to the other fellow. While it is no doubt true, that the results of past elections have been, on the whole, highly satisfactory, nevertheless, it is our feeling and the feeling of a great many others at the Institute, that these elections are not always the result of popular opinion. They cannot be when a part of the class does not really know the man for whom it is voting.

Next Friday afternoon will be an excellent chance for these first year men to find out something about their embryonic officers. During the Field Day activities certain men are bound to display those qualities of leadership which are so essential to the class officer. On the other hand, during this same afternoon certain men, due to their athletic prowess or to their luck, will become class heroes. Their names will be on the tongue of every first year man and they will have achieved the fame that not infrequently comes to undergraduates.

It is of this latter group that we wish to warn the under classmen. The man who shines on the athletic field is not necessarily the man who will shine in a meeting of the class officers. He may be of great value to the class in its battle with the Sophomores—but he may not be of such value when it comes to looking out for the good of the class during the rest of the year. On the other hand, he may be just as good and even better in class politics. It is a question for each voter to decide for himself—but it is a question that said voter cannot decide in an instant.

Then too, there is the question of fraternity politics. Those freshmen who have been pledged to fraternities can benefit by the experience of the upperclassmen in their house. They also have an advantage in the fact that the pledges in each house are organized. If one of their number has been nominated for an office, he has the rest of his delegation rooting for him both among themselves and among the men in other houses. We are not denying that this is a good thing. Many of our best class officers have been fraternity men—but it must be remembered that many have not belonged to a fraternity.

The whole thing is a delicate problem and a problem that can not be solved in five minutes at the voting booth. We are not trying to suggest the method of voting—we are merely expressing the hope that the first year men will use particular care in determining the qualities of their candidates during these next few weeks. It is, of course, the privilege of every man to vote for whomever he pleases—but let him be sure that his choice be one who will be a real leader and not a flash in the pan.

—THE TECH BOOK LIST—

THE NUPTIALS OF CORBAL, by Rafael Sabatini. Boston, Houghton Mifflin Company. \$2.50.

Probably the situation in which the average individual shows the material of which he is made is when he is involved in the strenuous and lawless times which accompany revolutions. For that reason the characters in Rafael Sabatini's "The Nuptials of Corbal" stand out quite markedly as the story is laid in the troublesome times of the French Revolution.

Although the story itself is captivating and moves rapidly, the most interesting part lies in the unfolding of the characters of the three major characters. Of these the most appealing is the citizen-deputy Chauvinere, who was a very unsuccessful lawyer until the Revolution raised him to power. He is characterized as being half wolf and half fox, yet he is an excellent psychologist who laughs at weak-

nesses of people and capitalizes them for his own advancement.

The character for whom the book is named, Corbal, a former noble with republican tendencies, is not introduced until after the middle of the book. The title, therefore, is probably to aid the movie adaptors who will undoubtedly expand upon the latter section of the book where the love scenes are. Corbal is the least definitely portrayed of the three main characters but even he is better characterized than the average hero of an adventure story.

Cleonie de Montsorbier, the heroine, is an aristocrat scheduled for the guillotine, who is saved by Chauvinere for his own purposes. She has a more positive personality than the usual heroine of an adventure novel so is not merely a figure to be rescued and finally married by the hero.

As a whole it is an adventure story

THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

CAMBRIDGE

THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY offers Courses, each of four years' duration, in Civil, Mechanical, Electrical and Aeronautical Engineering; Naval Architecture and Marine Engineering; Mining Engineering and Metallurgy and Geology; Architecture and Architectural Engineering; and Building Construction; Chemistry, Chemical Engineering and Electrochemical Engineering; Biology and Public Health and Sanitary and Municipal Engineering; Mathematics, Physics, General Science and General Engineering and in Engineering Administration. These Courses lead to the degree of Bachelor of Science.

To be admitted to the first year class applicants must have attained the age of seventeen years, and must satisfactorily fulfill the entrance requirements in Algebra, Plane and Solid Geometry, Trigonometry, Physics, Chemistry, English, History and French or German and two units of elective subjects. Examinations are required in all subjects except Chemistry, History and the electives, the requirements for which are fulfilled by the presentation of satisfactory certificates. A division of these entrance subjects between different examination periods is permitted.

Entrance examinations are held at the Institute in September. In June applicants will be examined by the College Entrance Examination Board in Boston, New York, Philadelphia, Chicago, and many other cities in America and Europe. A circular stating times and places is issued in advance by the College Board.

Graduates of colleges and scientific schools of collegiate grade, and in general all applicants presenting satisfactory certificates showing work done at another college corresponding to at least one year's work at the Institute, are admitted, without examination, to such advanced standing as is warranted by their previous training.

Graduate courses leading to the degrees of Master of Science, Master in Architecture, Doctor of Philosophy, Doctor of Science and Doctor of Public Health are also offered. Special Research Laboratories of Physical Chemistry, Organic Chemistry, Applied Chemistry, Industrial Physics, Electrical Engineering and Aeronautical Engineering have been established.

Correspondence should be addressed to the Institute of Technology.

PUBLICATIONS

Catalogue; Illustrated Circular of General Information, Summer Session, and Graduate Study and Research; and the Report of the President and the Treasurer.

Any of the above named publications will be mailed free on application.

SOCCER TEAM LOSES TO CLARK AT WORCESTER

START BASKETBALL PRACTICE TONIGHT

Will Hold Mass Meeting in Hangar Gym—Coach McCarthy to Speak

Basketball practice will open today with a talk by Coach McCarthy in the Hangar Gym at 4 o'clock. Prospects for this year's team are good and a hard schedule is ahead of the team. They have a month to get in trim, as the first game is not until December 3, when the Engineers will meet New Bedford. The schedule was published some time ago in THE TECH with the rest of the fall varsity schedules. Captain Estes, guard, and wearer of the T, leads the list of the veterans who are back in the lineup this year. Prospects look good as the quintet has only lost Hinck from last year's team and they ought to give the other teams plenty to worry about this year. Brockelman and Allen are a pair of good forwards. Both of them are Juniors and still have two years to play. McClintock, another Junior, will probably be seen at center. He is a good all around man and a veteran of last year's outfit. The guard position is the only one that has been vacated by graduation. Johnson, Reyners, and Mock last year's substitutes, a bunch of fast men can be counted on whenever they get into the game. Besides last year's varsity squad there is a large number of Sophomores out, and they are going to make the competition hot for some of the older men.

Co-eds are the best losers, according to a report in the official publication of Ohio University. This conclusion is drawn from the fact that most of the objects found belong to co-eds. The lost articles range from shoe buckles to umbrellas and from 45-cent compacts to expensive wrist watches. Glasses are the things which stray from their owners with the greatest frequency.

Lowell Textile School has recently adapted an innovation in its marking system. In order to encourage good attendance, a mark of three points is to be added to the final term rating of every student who has no "cuts" scored against his name for the entire term.

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TECHNOLOGY LOSES TO NEW HAMPSHIRE IN CROSS COUNTRY

Visitors Win Both Varsity and Freshman Events From Beaver Teams

EASTMAN FINISHES FIRST

(Continued from Page 1)
Thorsen, and Kirwin of Technology the next in order. There was now little doubt that New Hampshire would win, the only question being the order in which the men would finish. As the men came into the stretch Eastman and Cahalan of New Hampshire, still retained their lead, but Norm McClintock had forged into third place. The two Wildcat runners were going too strong for Mac to overtake them and won by ten yards, while Russell Hobbs the favorite, finished 15 yards behind the Engineer.

Kirwin Finishes Fifth
Capt. Pete Kirwin, who was having one of those off days that all cross country men seem to have sooner or later, finished in fifth place just ahead of his teammate Leon Thorsen. Another New Hampshire man, Norman Weeks, came seventh, followed by Newell Mitchell and Chuck Worthen of the Institute team. Corpening, a New Hampshire sophomore completed the scoring by finishing tenth.

In the freshman race it was all New Hampshire. Capt. Dick Baltzer, of the Technology yearlings, was in the running for the first half, but then the New Hampshire freshmen started to come and the best the Institute captain could do was seventh place. The final score was 15 to 49 in favor of the Wildcats.

Summary Varsity: 1st Eastman, N. H.; 2nd Cahalan, N. H.; 3rd McClintock, M. I. T.; 4th Hobbs, N. H.; 5th Kirwin, M. I. T.; 6th Thorsen, M. I. T.; 7th Weeks, N. H.; 8th Mitchell, M. I. T.; 9th Worthen, M. I. T.; 10th Corpening, N. H. Time 23 min. 31 4-5 sec. Score N. H., 24; M. I. T., 31.

Clifford Eastman of New Hampshire was the dark horse in the cross country meet. Both Norm McClintock and Pete Kirwin finished ahead of him in the New England last year and Cahalan and Hobbs of his own team have beaten him this year. So much improvement in Eastman means that New Hampshire is going to make a great fight to retain its New England championship this year.

Engineers Lose To Clark 2-0 in Ragged Game

Hawkins Nearly Scores Goal On a Free Kick From 75-Yard Line

Clark handed the Technology booters a 2 to 0 defeat last Saturday out at Worcester. The Engineers played a ragged game and the Clark men had little difficulty in defeating Technology. About the only high light of the game as far as Technology is concerned was the shot that Hawkins made from three quarters the length of the field. Technology received a free kick in their own territory and Hawkins was elected to kick the ball. He kicked three quarters the length of the field right toward the goal and just a little over the goal tender's head. The goalie by a superhuman effort, managed to jump up and knock the ball down. He succeeded in safely getting the ball out danger.

Wyman Clever in Goal
Wyman, the new Technology goal tender probably played the best game of anybody. If it were not for he, Clark would have scored quite a few more goals than they did. He has stood out in the last few games and will probably hold down this position for the rest of the year, allowing Capt. Sparre to keep his position as outside left, a position that he plays very well.

Due to the injury of Mong, the lineup was shifted considerably. Ventura was shifted to center forward, Sharabati to inside right, and Cooper played right half. The absence of Mong was easily noticed and playing was ragged throughout the entire game. If the Engineers do not improve considerably they are in for a bad afternoon at the hands of Springfield on Tech Field next Saturday.

Clark Scores Second Half
The playing during the first half was not so bad and the Cardinal and Gray managed to keep the Clark men from sneaking any goals across. However, the Technology offense was rather poor and the Engineers could not get their long passing game organized. Several times they got the passing started, but Clark had little difficulty in breaking up any of their efforts at scoring. Clark resorted to a short passing game which had the Cardinal and Gray baffled throughout the entire game.

All of the Clark scores came in the second period, when the Technology defense broke down. During most of this period the ball was in Technology territory and the Engineers had considerable difficulty in getting organized.

Teams Are Chosen for Field Day Relay Race

As a result of the time trials held last week the following men have been chosen by Coach Oscar Hedlund to represent the Sophomore and freshman classes in the Field Day Relay:
1930—F. A. Ladd, Jr., H. D. Addison, C. F. Edlund, C. O. Svensson, I. E. Ross, C. F. Horton, B. F. Kenny, M. Bragdon, R. A. Poisson, L. N. Gonzalez, J. A. Merrill, C. E. Hughes, L. P. Jandris, R. Henderson.
1931—P. Hardy, C. W. Olerman, W. V. Lodge, C. D. Sullivan, C. Broder, R. T. Leadbetter, N. Haskell, E. Perseon, H. Danforth, J. Seaver, A. W. Moody, W. T. Mapes, L. S. Gifford, M. Ayers.

MATMEN OPEN SEASON WITH LIKELY SQUAD

Prospects for this coming season in wrestling appear unusually bright at the present time. Coach Greene and Manager Logan are looking forward to developing championship teams from the material they have on hand. The number of candidates has increased greatly in comparison with that of other years; nevertheless there is room for a great many more. At the present time there are approximately 62 candidates, of which 17 are freshmen. The Cardinal and Gray team will be strengthened greatly by the return to competition of Johnny Burke of the heavyweight class. Captain Cullen and Der Marderosian, who are both veterans, will doubtless add greatly to the strength of the team also. The Varsity has ahead of it a very difficult schedule, meeting such outfits as Tufts, Brown, Harvard, Springfield, and Norwich. Of these outside teams, Springfield and Harvard are expected to afford the keenest sort of competition.

FROSH GRIDSTERS BEATEN BY TUFTS

Eleven Works Poorly as Unit But Individual Playing Livens Game

Friday's game between the Beaver yearlings and the Tufts frosh on Tech Field came to a fighting finish with the Tufts eleven leading 13-0. If the Technology yearlings had put up as stiff a game as a unit that they did as individuals there might have been a score reading the other way. Both teams seemed equal with the opening of the first quarter but gradually the Tufts lineup took the advantage and began to work down the field. Muscovitz, the Tufts fullback, seemed to be the power behind this rush but it was Haber that put the ball across giving Tufts its first tally. No point was scored on the kick.

Along through the second period neither team showed to big advantage, both elevens putting up a good defensive scrap. Both sides seemed willing to let the other do the hard work and were perfectly willing to exchange kicks after one or two plays. No score was made by either side in the period coming after the half. Technology kicked off and the ball was run back a short way. A rapid exchange of kicks followed and the Beavers started to rush the ball. Little success followed this attempt for although plenty of punch seemed behind the drive, the ball became too slippery at the crucial moment.

When the last quarter opened both teams took to punting again and Tufts, with the advantage of the wind behind them, began to gain in spite of the pretty boots which Hardy was getting off for the frosh. One of Tufts' best plays, a reverse pass gave them a nice gain to open a new attack but the distance seemed a little too much and the ball went to the Engineers.

After being penalized for stalling, the frosh promptly kicked and Tufts started back with an aerial attack. Captain Ahlberg of Technology smeared the first pass but the second got away for at least twenty yards into the Beaver backfield. With that for a start the Jumbos carried the ball right down to the five yard line.

On the fourth down it looked as though the touchdown would be averted, for the line held in its tracks. However, the down was awarded over, and when the second pileup was cleared Captain Pitcock had put the ball over for Tufts. The Beavers lost the last point by being too anxious, the referee awarding the point for off-side and making the total Tufts 13; Technology 0. The lineups:

HOLD TIME TRIALS FOR FRESHMAN CREW

Coach Haines Expects to Have Heavy Yearling Boat

During the past week, five freshman crews have been boated daily in order to give Coach Haines an opportunity to watch all the frosh in action. Seating has been varied quite often in the first boat, but from the men who have been rowing in it most consistently, it is safe to predict that the Field Day crew will average between 165 and 170 pounds, which is a good deal heavier than that usual average for Technology freshman crews.

The Sophs' only advantage is their experience, as they are outweighed considerably by the yearlings. 1930 will be represented by last year's 150-pound frosh, and the battle between weight and experience will undoubtedly be one of the closest and hardest fought ever witnessed on the Charles. None of the coaches has proved willing to hazard a guess on the outcome of the race.


Time Trials on Frosh
Last Saturday Coach Haines held time trials for all the frosh crews over the one-mile Field Day course. The definite lineups for the race will not be decided until about three days before Field Day, so that Saturday's results will have an important bearing on the choice of the two crews.

Plans for Field Day include a preliminary race to the Soph-freshmen encounter, in the form of a race between the second freshmen and the ineligible. It is also possible that some of the other crews may put on impromptu races. Inculding the ineligible, there are ten crews at the boathouse, and Coach Haines hopes to put his whole navy on the water November fourth.

The two varsity crews have been split up, in order that the less experienced men may work with the veterans. This arrangement will last until time to pick the regular crews next spring. In the meantime, work has begun on the additions to the boathouse, and two new sets of oars for the varsity and Junior varsity boats have arrived. The English thole pin boats will be used for the remainder of the fall, but next spring the regular boats and oars will be in use.

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FROST STOPS ENGINE

(Continued from Page 1)

A new type of radio receiver had been installed at San Francisco while newspaper reporters and photographers crawled all over the ship and somewhere in changing the installation around, there must have been a poor connection made, for the signal stopped dead after we were about an hour and a half out. We only heard it again for a few moments at midnight.

All day long we flew at 300 feet, right under the clouds, but toward evening they got thicker and dropped lower. To overcome the possibility of flying into the water—there was no moon—and also to get astronomical observations, we rose to 10,000 feet, where we intended to stay for the remainder of the trip.

Encountered Engine Trouble

At about 12:30, however, the center engine began to cough, spit, and vibrate as it gradually slowed down to idling speed. With the load we then had, two engines could not hold us at 10,000 feet. Everything became total blackness as we settled down and the stars disappeared from view. Taking out our flashlights to look at our instruments on the outboard engines, we found them covered with frost and then it dawned upon us that it was frost, forming on the carburetor's air intake that had taken our engine out of service. The manufacturers had warned us to put a heater on the air intake, as the trans-Atlantic fliers had done, but we certainly never expected to encounter frost in the tropics, and because we got a little more power for the take-off without the heater, we left it behind. We shall know better next time.

Could Have Gone Further

At 4,000 feet, the frost disappeared, the balky motor came up to speed, and we rose out of the clouds again at 7,000 feet. For the rest of the trip we were in and out of the clouds. An hour and a half before sunrise, we picked out the lighthouse on the island of Kauai. On account of dense, low-hanging clouds, rain, high mountains and darkness—always a bad combination for an airplane—we hesitated to fly across the channel to Oahu at low altitude in the darkness, so we circled about until sunrise, when we crossed and landed at Wheeler Field. We had been flying for twenty-five hours and forty minutes, and I think that we could have kept going 1000 miles farther after we first caught of the islands, for we started with 1,120 gallons of gasoline and when we landed our tanks held 200.

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HOLD BANQUET FOR FIELD DAY TEAMS

There will be a banquet for all the members of this year's Field Day teams in North Hall, Walker, on Saturday at 6 o'clock to give those who will battle for their classes a chance to get together after Field Day and talk over the happenings of the afternoon. There will be a few short, informal talks by men prominent in Technology athletics whose names will be announced at a later date.

AS WE SEE THE MOVIES

FENWAY

In spite of her many years of stardom Norma Talmadge appears as young and beautiful as ever in Dumas' immortal love story "Camille." In producing this great French story on the screen much of Dumas' subtle style has been lost or rather nullified by the introduction of several of the modern movie expressions. The original ending has been kept and is tragic as contrasted with the usual photoplay finish.

If one has seen the "Cohens and the Kellys" or any other of the Irish-Jewish pictures which have been produced recently it is rather a waste of time to view "Clancy's Koshier Wedding" featuring George Sydney. It is another story about the Irish lad who falls for the Jewish lassie and the usual family quarrels set in.

PLAY DIRECTORY

STAGE

BOSTON OPERA HOUSE: "Rose Marie."—A return show that's a hit.
COPYLEY: "No. 17."—The return of a popular comedy.
HOLLIS: "Spellbound."—With Pauline Lord.
MAJESTIC: "Gentlemen Prefer Blondes."—A good laugh.
PLYMOUTH: "Broadway."—Good show.
REPERTORY: "As You Like It."—Something different.
SHUBERT: "The Circus Princess."—A gorgeous show.
ST. JAMES: "What Ann Brought Home."—And is was not the bacon.
TREMONT: "Honeymoon Lane."—Best musical comedy.
WILBUR: "The Constant Wife."—W. Somerset Maugham's play.

SCREEN

FENWAY: "Camille."—Previously reviewed.
METROPOLITAN: "The Woman On Trial."—Reviewed in this issue.
STATE: "Spring Fever."—William Haines starring.

The students of Worcester Polytechnic Institute will no longer have an excuse for their absence from dances. There are classes held every Friday night for all those who are desirous of learning how to trip the light fantastic without tripping too much.

NOTICES

M. I. T. A. A.

The following men have class numerals still awaiting them in the A. A. office. Will they please call for these just as soon as possible.

1929—Ralph H. Crosby, David F. Walters, John H. Powell, William W. Young, Harry Dickinson, Alexander Crosman, Lewis Aldrich, Carl M. F. Peterson, George J. Burke, Gordon S. Clark, William Culinan, Jr., Robert Jacobs, Walter Henry Gale, George Walker, Jr., Albert Lewis Eigenbrot.
1930—Richard Berry, Ludwig Jandris, DeWolf Thomson, John King Vennard, John Henry Rogers, George M. Houston, Jr., Lawrence Gonzalez, Robert Henderson, William Nathan Boynton, Joseph Curran, Henry Craig, Donato MiManni, Horace Preble, David Wells, John Pratt, Edward Dean, Robert Snyder, Abraham Greenberg, William Spahr, John Gardner, Theodore Lewenberg, Richard Orleman, Harold Plant, William M. Whelidon, John A. Ginley, Howard S. Gardner, Jr., Russel H. Costello, Thoresby Slack, Leon S. Thorsen, Ernest B. Whitworth, M. H. Braydon, Howard M. Palmer, Bernabe F. Barrios, Maurice S. Herbert, Israel M. Cohn, Richard R. Hartwell, Amerst Huson, Ferdinand Royo.

TECH SHOW CHORUS

Voice tryouts will be held in North Hall today at 5 o'clock. The first chorus rehearsal will be held in North Hall tomorrow at 7:30 o'clock.

TECH SHOW

A meeting of the music and lyric writers of Tech Show will be held in the East Lounge, Walker at 7:30 o'clock on Wednesday.

NOTICE

The freshman rifle squad will fire tomorrow from 1 o'clock till 4.

DEBATING SOCIETY

All freshmen interested in debating report in Room 2-178 Wednesday at 5 o'clock.

FIELD DAY CREWS RACE IN MORNING

Glove Fight Will Not Count In Freshman-Sophomore Score

(Continued from Page 1)

tire team back from last year with some additional material easily counteracts this advantage. The game promises to be close, whoever wins.

Tug of War Between Halves

Between the halves of the football game, the second tug-of-war pull will be held. This should come at about 3:20 o'clock and will be followed at 3:30 by the relay race. Thus far the match between the runners seems to almost exactly equal. Time trials were held last Saturday and Wednesday and showed that neither team will have the slightest advantage.

After the second half of the football game the third tug-of-war pull will be staged if it is required to decide the victory. In former years, however, in nearly every case, the tug-of-war has been won in straight heats. This year the Sophomore team, which is composed largely of veterans, seems to be tugging with much more effectiveness than the yearlings. The later, undismayed, have a large squad out and are toiling like Trojans to overcome their opponents' advantage.

Glove Fight at End

The glove fight comes as the last official event of the day. Due to the novel character of the event, both classes have an equal chance to win, the victory probably going to the side with the most combatants. However, although this is an official event of Field Day, no points are awarded to the winner, and therefore, the outcome of the fight will have no effect on the final result of the day.

The glove fight is merely an event

to let the two lower classes get rid of their surplus energy which has been arranged instead of the Sophomore banquet and the disorganized struggles and demonstrations of the night preceding Field Day.

COLLEGE CHRISTIAN ASSOCIATIONS MEET

Initiating a new idea among College Christian Associations, the cabinets of the college Christian Associations of Greater Boston recently held a conference at Baldpate Inn, Georgetown, Mass. This meeting was attended by 52 representatives of the various colleges around Boston.

This conference had as its purpose the discussion of common problems, and was under the leadership of Clarence P. Shedd of the Y. M. C. A. division of the Yale divinity school and Reverend Sidney Lovett, a member of the T. C. A. advisory board and pastor of the Mount Vernon Congregational Church, Boston.

Mr. Shedd presented the practical side of college problems to the delegates, while Rev. Lovett pointed out the inspirational possibilities in the work of Christian Associations. Technology's delegation, headed by Harlan R. Jessup '28, included Robert S. Harris '28, Harry F. Cade '28, Donald Buckner '28, Gordon F. Rogers '28, Richard Boyer '29, Hugh Hamilton '29, and Fred N. Dickerman '30.

At Rhode Island State College the professors will have to take some of their own medicine next week. For three days they will attend lectures while their students take a vacation.



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